



## Slettnes

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- [58] Field of Search ..... 250/576, 461.2

Westetal., 377XE Software Package Overview, website—[http://serac.mbt.washington.edu/Software/377XE/STC\\_Soft-](http://serac.mbt.washington.edu/Software/377XE/STC_Soft-)

[57] **ABSTRACT**

A data collection method for scanning a scan window comprising one or more channels is described. In the method of the invention an integrated signal (S) is measured across a scan window including one or more channels using an integrating detector. Next, a velocity-normalized integrated signal ( $S_n$ ) is determined based on the integrated signal (S) and a scan velocity.

**25 Claims, 8 Drawing Sheets**

